Date: Mon, 31 Jan 94 04:30:14 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #95
To: Info-Hams

Info-Hams Digest Mon, 31 Jan 94 Volume 94 : Issue 95

Today's Topics:
2m mobile, which one?
ANARTS RTTY NEWS BULLETIN 793 23/01/94

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 30 Jan 1994 21:59:00 GMT
From: sdd.hp.com!elroy.jpl.nasa.gov!swrinde!emory!cs.utk.edu!martha.utcc.utk.edu!
utkvx.utk.edu!pratt@network.ucsd.edu
Subject: 2m mobile, which one?
To: info-hams@ucsd.edu

I am looking for a 2m mobile unit, at least 45-50 watts. Any suggestions as to
brands and features needed would be appreciated.

Thanks,
Mark
PRATT@utkvx.utk.edu
KE4AXW

Date: 27 Jan 94 05:40:14 GMT
From: unogate!news.service.uci.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!
sdd.hp.com!think.com!cass.ma02.bull.com!syd.bull.oz.au!brahman!tmx!
basser.cs.su.oz.au!metro@mvb.saic.com
Subject: ANARTS RTTY NEWS BULLETIN 793 23/01/94

To: info-hams@ucsd.edu

[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 793 23/01/94 PAGE 1/5.

SUNDAY TRANSMISSION SCHEDULES.

3.545 mhz		0930 utc	VK2BQS (Jim)
7.045 mhz -3		0030 utc	VK2CTD (COL)
14.070 mhz (amtor/fec)		0030 utc	VK2DPM (ALAN)
14.091 mhz		0030 utc	VK2BQS (JIM)
146.675 mhz		0030/0930 utc	VK2JPA (PAT)
144.850 mhz (ax25 bbs)			VK2JPA AT VK2RWI
146.675 mhz (rtty mmbbs/repeater)			VK2RTY

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

Local news for VK2 WIA members
==============================
As a result of a meeting of concerned members of the WIA which was held in Sydney recently, a committee has been formed to encourage independent candidates to seek election to the Council of the NSW Division of the WIA at the forthcoming Council elections.

The committee consists of Peter Naish VK2BPN, Bob Mayer VK2BMU, John Brooke VK2FUR, Alan Dark VK2XAT, Roger Henley VK2ZIG. No member of the committee will stand as a candidate.

The committee can be contacted at PO Box 372 West Ryde NSW 2114.

Guidelines for the preparation of programs for transmission by
---
Amateur Radio Teletype
==========

from Frank VK2FJL

part 2.
---

(2) UNSHIFT-ON-SPACE.
Some RTTY machines and most computers automatically change from (FIGS) to (LTRS) every time a (space) is received. To defeat this feature when text containing both spaces and

figures is being prepared : e.g. Satellite predictions, it is necessary to insert a (FIGS) immediately before each upper case character which follows a (space).

(3) PARAGRAPHS.

Commence each paragraph with an extra (CR)(LF) - i.e.double spacing - and type four spaces plus a (LTRS) or (FIGS) before commencing the text.

(4) HEADINGS.

Un-numbered headings should commence at the lefthand margin and be underlined using the hyphen on the next line, with double spacing both above and below the underlined heading.

(5) PUNCTUATION.

Your layout will look neater and text be more readable if the following suggestions are used.

(A) FULL STOP - This follows directly behind the previous letter, but allow two spaces after each full stop. This may later be expanded or contracted to fill the line to the right-hand margin.

(B) COMMA - This also follows directly behind the previous letter, but with only one space to follow.

(C) HYPHEN - When used to punctuate a sentence - type (SPACE)(FIGS)(HYPHEN)(LTRS)(SPACE) and resume the text. This can later be expanded to two spaces on either side if required for line fill.

(D) QUESTION MARK - This looks better when preceeded by a space and followed by two spaces. Like the full stop, This may be expanded or contracted for line fill.

(E) COLON - Also provides clearer text when preceeded and followed by at least one space.

(6) TABOO'S.

The use of the following characters should be avoided as different keyboards will them as print different things : semi-colon, equals, percent, dollar sign, pound sign, plus, ampersand, quotes, maltese cross, exclamation mark and the bell.

The question mark, colon, hyphen and apostrophe also differ on some keyboards, but as their use cannot be restricted entirely, it is obviously impossible to please all of the people all of the time.

more next week

IPS weekly report

14 January - 20 January 1994

Issue no.: 03

Date of issue: 21 January 1994

Date	14	15	16	17	18	19	20
10cm	90	96	100	105	101	103	105
A	18	18	14	23	21	21	(10 estimated)
T	63	42	11	41	59	25	29

Summary of activity

Solar activity was very low 14th-15th January, and 17th-20th. Activity was high on 16th with an M6 flare.

The geomagnetic field at Learmonth (WA) ranged from unsettled to unsettled to active with a minor storm period during local night on 19th.

Ionospheric F2 critical frequencies at Sydney were slightly above predicted values on 14th and 18th, near normal most of 15th, 17th and 20th, and slightly below on part of 15th, and 19th. Sporadic E blanketing was often present from 15th - 18th January.

Comment:
Sporadic E was often observed this week. HF conditions may have been degraded due to mild geomagnetic activity which has more or less persisted since January 11th. The source of this enhanced geomagnetic activity is thought to be a broad south polar coronal hole.

IPS Monthly predicted smooth T-indices

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1994		34	33	33	34	31	29	27	24	22	21	19
1995	19	18	17	16	15	14	14	13	12	11	11	10
1996	10	9	9	8	8	7	8	8	9	10	11	12
1997	13	14	16	18	20	22	25	28	32	35	40	46

Forecast for the next week (21 - 27 January)

Solar : Low, chance for isolated low level M class flare.

Geomagnetic: Mostly unsettled with active period expected during January 22-23 and January 27-29 (coronal holes).

Ionospheric: Propagation conditions are expected to be fair, with degradations expected on January 22, 23 and 27 to 29.

Courtesy of IPS Radio and Space Services

VK2SG RTTY DX NOTES 14 JAN 94

VK2SG RTTY DXNOTES FOR WEEKENDING 14 JAN 1994 (BID RTDX0114)

OUR INFORMATION THIS WEEK CAME FROM: 9X5LJ, DJ3IW AND THE CENTRAL-EUROPE DX CLUSTER NODE DB0SPC, I5FLN, IK5AAX AND THE IK5PWJ PACKET CLUSTER, W2JGR AND THE NJ0M NODE THE TWIN-CITIES DX PACKET CLUSTER, WA1MPB, WA4MCZ, W5KSI, WX5L AND ZS5S.

THANK YOU ALL FOR YOUR ASSISTANCE.

BANDPASS

FRIDAY 7

0912-14080	5W1KT	0942-14086	S53AX
1208-21084	VK6HD	1235-14091	VK4FRT
1327-21091	FG5FI	1335-21082	4U1ITU
1346-21085	4X6UO	1354-21090	OD5PL
1545-21085	C6A/AA5AU	1607-21088	VP5/WA0VQR

SATURDAY 8

0336- 7080	VP5/WA0VQR	0942-14088	K5KWG/ZA
1109-14084	UX0KC	1159-14083	US8AR
1252-21091	OD5PL QSL HB9CRV	1338-21090	5R8DS
1341-21087	4X6UO	1423-14082	YL2GD
1425-14089	OK1AJN	1518-14090	LY1BZB
1630-14088	J28JJ	1803- 7040	UR0HQ
1810- 7040	UN5PR	1815- 7041	4X/OK1FGC
1819- 7035	S52OR	1821- 3590	YL1ZR

1823-14084 WH6I 1832- 7039 4Z85TA
1834-28082 PJ2MI 1838-28084 A22MN
1841-28082 HP2CWB 1845-28077 HH2PK
1859- 7041 RZ1AWT 1908- 7033 TA2FT
1910- 7032 SV1ATS 2123-14101 C6A/AAAU
2127- 7038 CN8NP 2134-21078 PJ0/N9FTC
2155-14076 A22MN 2206- 3578 SV2BFN
2215- 7035 VK6HD 2217- 7038 UZ9CWA
2241-21093 KP2N 2309- 7037 HH2PK

SUNDAY 9

0012-14086 VP5/WA0VQR 0150- 7075 UR0HQ
0234- 7087 S57MM 0234- 3590 C6A/AA5AU
0341- 3601 HP1XBH 0521- 7078 8P6AW
0637-14082 UU2JI 0657-21084 UN5PR
0705-14083 UX0FF 0900-14083 BZ1QL
0902-21086 HL9FC 0941-14086 VK7YP
1053-21086 CU1AC 1055-21091 UR5LBX
1101-21081 A45ZX 1107-21078 UR0HQ
1115-14087 KP2N 1142-28082 V50CM
1201-21081 S57MM 1241-21082 J28JJ
1252-21084 9K2IC 1329-21098 GU4RWP
1331-21085 PJ2MI 1335-21088 A22MN
1351-21095 SV2BFN 1352-21082 4Z85TA
1356-21083 HH2PK 1406-21098 HP1XBH
1414-21102 HP1AC 1453-21075 C6A/AA5AU
1454-21082 XE1/DJ6OV 1600-21093 GI0KOW
2148- 7039 VK6HD 2325-14092 HS0A

MONDAY 10

TYPICAL REPORT "THE DAY AFTER CONTEST"

1349-14084 LY2ZZ 1720-14086 VP5/WA0VQR
1751-21088 PJ0/N9FTC

TUESDAY 11

1345-14088 RW6XW 1434-14084 UX0KC UKRAINE
1440-14085 GI0AIQ 1452-14087 UT5RP
1556-21084 VQ9WL 1626-21090 5R8DS
1652-21086 PJ2MI

WEDNESDAY 12

0109-14086 S92ZM 1053-14085 LY2BBF
1142-28082 U50CM 1303-14083 VQ9TS

1308-14083 A45XC 1638-21088 S53J
1706-21083 5R8LD 1909-14084 TZ6FIC
1913-14084 P4/W1EKT

THURSDAY 13

WWV A= 23 K= 3 2153-14088 V50PV

NOTES OF INTEREST.

SAINT PETER / SAINT PAUL, PY0. THE THREE WEEK DXPEDITION THAT WAS TO TAKE PLACE 10 JANUARY, WILL BE DELAYED UNTIL 20 JANUARY AND WILL BE FOR TWO WEEKS. QSL RTTY CONTACTS TO KARL, PS7KM.

PETER 1 ISLAND, 3Y. THIS DXPEDITION IS ON SCHEDULE AND THE FIRST MEMBERS OF THE GROUP SHOULD BE ON THE FALKLANDS NOW. LOOK FOR VP8BZL FOR A FEW DAYS FROM PORT STANLEY. ARRIVAL ON PETER 1 AROUND 1 FEBRUARY, DEPARTURE ON 16 FEBRUARY.

FOR NEXT WEEK'S BULLETIN, SEND YOUR BANDPASS AND NOTES OF INTEREST TO JULES, W2JGR AT W2TKU.#SRQ.FL.USA.NA

REMEMBER, DX DON'T SLEEP.
GL DE BOB, WB2CJL AT W5KSI.#NOLA.LA.USA.NA
[via HF PACTOR]

Coming events

1994

February	4th	ANARTS meeting
	12th-13th	EA WW RTTY Contest
March	19th-20th	BARTG WW RTTY Contest
April	16th-17th	SARTG WW AMTOR Contest

FOR DISPOSAL

FREEBIE - (But you collect it)

A SAGEM 2000(TX35DS) PRACTICALLY AS NEW WITH 8 inch DISPLAY AND FLOPPY DISC ATTACHMENT... MANUALS ARE INCLUDED...

PHONE (02) 451-6314 Bill Storer..

IF NO INTEREST SHOWN IT GOES TO THE TIP IN A WEEK.

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD, or the Secretary (Pat) VK2JPA @ VK2RWI.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2RWI.

The Internet address for the Broadcast Officer is :
patl@extro.edu.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We know we reach New Zealand and many South Pacific islands, and we are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

That concludes ANARTS NEWS 793 23/01/94.

Inserted by VK2BQS Jim, Vice-President ANARTS.
--
Dave Horsfall (VK2KFU) VK2KFU @ VK2OP.NSW.AUS.OC PGP 2.3
dave@esi.COM.AU ...munnari!esi.COM.AU!dave available

Date: 29 Jan 94 17:03:15 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!usc!yeshua.marcam.com!news.kei.com!ddsw1!indep1!clifto@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994Jan14.005918.1@auvax1.adelphi.edu>, <2h7a43$89b@crl2.crl.com>,
<19940128.22424315.edellers@delphi.com>.kei.
Subject : Re: why 29.94 fps?

In article <19940128.22424315.edellers@delphi.com> edellers@delphi.com (Ed Ellers)
writes:
>The sampling rate is almost always 14.31818... MHz, or four times subcarrier;
>older units used eight bits (same as D-2 and D-3), but newer ones use ten-bit
>processing.

   While we're on the subject, it's worthy of note that (apparently by FCC
fiat):

* the color subcarrier is 3,579,545 Hz +- 10 Hz
* the horizontal scan frequency is 2/455 times the chroma subcarrier freq.
* the vertical scan freq. is 2/525 times the horizontal scan freq.

   So, 14,318,180 Hz makes a fine frequency reference for generating sync
as well as a neat sampling rate for frame stores.

   Don't know if this has been said before, but I haven't seen it (recent
news troubles here... meeee, screw up the permissions? Nawwww).

--
+---+
| Cliff Sharp | clifto@indep1.chi.il.us |
| WA9PDM | |
+---+

Date: 30 Jan 94 05:13:51 GMT
From: netcomsv!netcomsv!cruzio!comix!jeffl@decwrl.dec.com
To: info-hams@ucsd.edu

References <741@comix.UUCP>, <2ht0ia$9r8@unbc.edu>,
<2i2bmrINN5hu@abyss.West.Sun.COM>d.hp.c
Subject : Re: Ramsey FX Transceivers

In article <2i2bmrINN5hu@abyss.West.Sun.COM> myers@sunspot.West.Sun.COM (Dana
Myers) writes:
>In article <2ht0ia$9r8@unbc.edu> lyndon@unbc.edu (Lyndon Nerenberg) writes:
>>jeffl@comix.UUCP (Jeff Liebermann) writes:

>The UHF kit has no warning that normal component tolerances can render
>the radio deaf; the one I sampled requires 50mV for a useful quieting
>at 446Mhz.
That's not "normal" component tolerances. That's a blown front end.

It was either blown, built wrong, or mismeasured.

>>It's a shame that the Amateur Experimental Service has turned into the
>>Amateur Appliance Service.
>
>It is a shame amateurs won't take advantage of readily available
>high-quality surplus to use as a platform for experimentation and spend
>considerable effort defending junk radios that don't even come up to the
>performance standards of a Part 15 cordlesst telephone. :-)

Ah, this brings back fond memories of the early 1960's. The
commercial services were replacing their wide band FM radios
with narrow band FM boxes. For a mere pittance, you could
have a 60 lb block of sold iron, complete with a Carter Super
Motor Dynamotor, Mallory synchronous vibrator power supply,
loctal tubes, and persuader microphone. (Ah, nostalgia).
With a starter relay to the on-off switch and welding cable
to the trunk, one could have a radio far superior to the typical
"ham" AM (not FM) radio of the day. "Goonie-birds" (Gonset
Communicator I thru IV) were grossly inferior to the average
commercial radio. Why would anyone want a non-commercial radio?

Well, there was a sufficient supply of conservative arguementation
favouring AM. (Incidentally, I was in Los Angeles during this
time). Although I was on the FM side, the only arguement that
struck home was "What would you do if the ONLY source of radios
was commercial surplus"? You're asking a small kit manufacturer
to compete on equal ground with used equipment. Since it is
almost impossible to produce a finished radio in the uSA that
will compete effectively with Japanese imports, now you ask
the same manufacturer to compete against USED equipment.
If the only place left for an American manufacturer of radio
equipment is the kit market, methinks that it is a major
miracle that they exist in the first place.

If the quality of the product offends thee, I suggest you offer
improvements instead of criticism. Please realize that additions
cost money, and that one should only suggest additions that one
would be willing to pay for. For example, don't suggest a Heathkit
quality manual as this will probably cost $70 per kit. I'm sure
Ramsey would be interested to know what the customers want to see.
While I agree that the kits leave considerable room for improvement,
I do not consider them to be completely worthless, or non-functional.

I don't have much faith in ham radio as a technical hobby any
more. The derogatory term "appliance operator" now applies to
most of the licencees. I was recently involved with a local
distributor of ham radio accessories. Many customers could

not wire a simple tnc or phone patch to radio connection. The
level of expertise in both radios and computers was disappointing.
My hat's off to anyone that builds a kit now days. Tis a rare
and apparently dying breed.

--
Jeff Liebermann   Box 272   1540 Jackson Ave   Ben Lomond   CA   95005
408.336.2558 voice wb6ssy@ki6eh.#nocal.ca.usa wb6ssy.ampr.org [44.4.18.10]
408.699.0483 digital_pager   73557,2074 cis [don't]
jeffl@comix.santa-cruz.ca.us scruz.ucsc.edu!comix!jeffl

End of Info-Hams Digest V94 #95
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